## Steps to Use Software

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Step 1 : double click the program icon labeled with "Search Algorithm Implementation"



Step 2 : go to button "file" at the leftmost corner and click "open file":

File	Select Algorithm
Oper	n File Ctrl-F
Exits	Escape
Exits	Escape

Step 3 : select data file with "CSV" extension :

ook <u>i</u> n: 📑	My Documents		=
🗂 My Corel S	shows	 	
🗂 My Music			
🗂 My Picture	s		
🗂 My PSP Fi	les		
🗂 My Receiv	ed Files		
🗂 My Sharin	g Folders		
) thedata.cs	sv		
ile <u>N</u> ame:	thedata.csv		_
iles of Type	All Files		-

🛃 Search Algorithm Implementation 📃 🗖 🔀					
File Select Algorithm	1				
the data set					
outlook	temperature	humidity	windy	play	
sunny	hot	high	FALSE	no	-
sunny	hot	high	TRUE	no	
overcast	hot	high	FALSE	yes	
rainy	mild	high	FALSE	yes	
rainy	cool	normal	FALSE	yes	
rainy	cool	normal	TRUE	no	=
overcast	cool	normal	TRUE	yes	
sunny	mild	high	FALSE	no	
sunny	cool	normal	FALSE	yes	
rainy	mild	normal	FALSE	yes	
sunny	mild	normal	TRUE	yes	
overcast	mild	high	TRUE	yes	-
Execute Stop					

If you accidentally select file with different extension, the program will pop a window:



Step 4 : choose the algorithm :

🛎 Search Algorithm Implementation					
File	Select Algorithm				
the	• ES		·		
	⊖ HS	ik	temperat		
sun	OBC		hot		
sun	O PS		hot		
over	🔾 AHS		hot		
rain	/		mild		
rain	1		cool		
rainy			cool		

If you select PS algorithm, you have to specify the running time:

<b>-</b>	<u> </u>	
	Run 57 Times	
	ок	

Step 5 : hit the button "Execute ":

Execute	
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Output:

display the results					
the Probabilistic search algorithm is performed :					
the time spent : 109miliseconds					
It searched for 57 Times					
selected feature subset					
humidity windy outlook					
Execute	Stop				